PHILIPS Lighting



GreenSpace

DN471T LED20S/830 PSED-E D22H16 5C6 GR

GreenSpace, 18.3 W, 1950 lm, 3000 K, DALI, Opal

GreenSpace is a perfect solution where customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime while they are covering multiple applications. GreenSpace features the latest LED technology which enables extremely low power consumption. With its perfect fit you'll get the LED downlight that always fits and looks perfect at the same time. This perfect fit is available for cut out sizes from 150 to 280 mm. GreenSpace is designed for Circular Economy with optimized performance, extended lifetime through upgradability and integration options, ease of customization, recycling and disassembly. Housing and rim are made from production waste of polycarbonate sheets that are retrieved from swimming pools, car ports and illuminated advertising. And the product's long lifetime makes it a true 'fit and forget' solution.

Product data

General Information	
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.

Service tag	Yes
Product family code	DN471T [GreenSpace]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	surfaces ENEC plus mark
ENEC mark Glow-wire test	
	ENEC plus mark
Glow-wire test	ENEC plus mark Temperature 650 °C, duration 5 s
Glow-wire test	ENEC plus mark Temperature 650 °C, duration 5 s
Glow-wire test EU RoHS compliant	ENEC plus mark Temperature 650 °C, duration 5 s

GreenSpace

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	107 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optic type	-
Optical cover type	Polycarbonate bowl/cover flat
Luminaire light beam spread	88°
Unified glare rating CEN	19

220 to 240 V

50 to 60 Hz

0.220 ms

+10 to +40 °C

Connection unit 5-pole

18.3 W

0.9

_

16 A

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM<3
Power consumption tolerance	+/-5%
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No
Product Data	
Order product name	DN471T LED20S/830 PSED-E D22H16 5C6
	GR

208 mm

218 mm

Overall height

Overall diameter

Product Data	
Order product name	DN471T LED20S/830 PSED-E D22H16 5C6
	GR
Full product name	DN471T LED20S/830 PSED-E D22H16 5C6
	GR
Full product code	871869907157800
Order code	910504112003
Material Nr. (12NC)	910504112003
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699071578
Numerator - Packs per outer box	1

8718699071578

Cable		

Power Factor (Fraction)

Operating and Electrical

Input Voltage

Line Frequency

Inrush current

Power Consumption

Inrush time

Connection

Number of products on MCB of 16 A type 24

в

Temperature

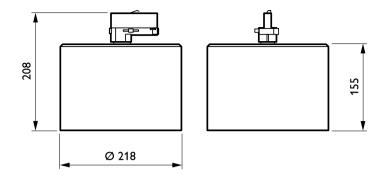
Ambient temperature range

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC
	compatible, external
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Plastic
Reflector material	Polycarbonate aluminum coated
Optic material	-
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	Grey
Optical cover finish	Opal

EAN/UPC - Case

GreenSpace

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, September 4 - data subject to change